

What is claimed is:

1. An inorganic electroluminescent device comprising:
a substrate;
a transparent electrode which is formed on the substrate;
an inorganic light-emitting layer which is formed on the electrode;
a dielectric layer which is formed on the inorganic light-emitting layer; and
a back electrode which is formed on the dielectric layer,
wherein an electric field enhancing layer is present between the dielectric
layer and the back electrode.

2. The device of claim 1, wherein the electric field enhancing layer is
formed of carbon nano tubes or nano particles.

3. An inorganic electroluminescent layer comprising:
an inorganic light-emitting layer;
upper and lower dielectric layers which are formed above and below the light-
emitting layer, respectively, and form a sandwich structure together with the light-
emitting layer;
upper and lower electrodes which are formed above and below the sandwich
structure, respectively;
a substrate which is a main frame of the above stacked structures,
wherein an electric field enhancing layer is present at at least one of an
interface between the upper electrode and the upper dielectric layer which contacts
the upper electrode, and an interface between the lower electrode and the lower
dielectric layer which contacts the lower electrode.

4. The device of claim 3, wherein the electric field enhancing layer is
formed of carbon nano tubes.

5. An inorganic electroluminescent device comprising:
first and second substrates which are arranged opposite to each other;
a transparent electrode which is formed on the first substrate;
an inorganic light-emitting layer which is formed on the transparent layer;
a dielectric layer which is formed on the light-emitting layer;
a back electrode which is formed on the second substrate; and
an electric field enhancing layer which is formed on the back electrode so as
to contact the dielectric layer on the first substrate.

6. The device of claim 5, wherein the transparent electrode, the inorganic light-emitting layer, and the dielectric layer are formed on the first substrate and the back electrode and the electric field enhancing layer are formed on the second substrate.

7. The device of claim 5, wherein the electric field enhancing layer is formed of carbon nano tubes.

8. The device of claim 6, wherein the electric field enhancing layer is formed of carbon nano tubes.

9. An inorganic electroluminescent layer comprising:
first and second substrates which are arranged opposite to each other;
a transparent electrode which is formed on the first substrate;
a first electric field enhancing layer which is formed on the transparent electrode;
a first dielectric layer which is formed on the transparent electrode;
a back electrode which is formed on the second substrate;
a second electric field enhancing layer which is formed on the second substrate so as to contact the dielectric layer on the first substrate;
a second dielectric layer which is formed on the second electric field enhancing layer; and
an inorganic light-emitting layer which is present between the first and second dielectric layers.

10. The device of claim 9, wherein the transparent electrode, the first electric field enhancing layer, the first dielectric layer, the inorganic light-emitting layer, and the second dielectric layer are formed on the first substrate and the back electrode and the electric field enhancing layer are formed on the second substrate.

11. The device of claim 9, wherein the electric field enhancing layer is formed of carbon nano tubes.

12. The device of claim 10, wherein the electric field enhancing layer is formed of carbon nano tubes.